

AMENDMENTS TO THE CLAIMS

1. (Currently Amended)

1 A child-resistant closure and container package that includes:

2 a container having as finish with at least one external thread and angularly
3 spaced pockets in said at least one external thread, and

4 a closure having a base wall, a peripheral skirt with at least one internal
5 thread, angularly spaced lugs on said at least one internal thread for receipt in said
6 pockets, and a spring element for engagement with said finish to bias said closure away
7 from said finish and urge said lugs into said pockets,

8 one of said internal thread and said external thread having a circumferentially
9 facing stop extending axially from an end of said one thread, and the other of said internal
10 thread and said external thread having an abutment face at an end of said other thread for
11 abutment with said stop to prevent over-tightening of said closure on said finish and over-
12 compression of said spring element,

13 said at least one internal thread and said at least one external thread both
14 being continuous threads, and said lugs on said at least one internal thread being equal
15 in number to said pockets in said at least one external thread,

16 said pockets in said at least one external thread not extending axially through
17 said thread such that an upper surface of said at least one external thread is continuous.

2. (Currently Amended)

1 The package set forth in claim 1 wherein said axially extending stop extends
2 from a lower end of said external thread, and said internal and external threads are single
3 threads that extend for at least 450°.

3. (Previously Presented)

1 The package set forth in claim 1 wherein said axially extending stop extends
2 from an upper end of said internal thread, and said internal and external threads are dual
3 threads, with each thread extending for at least 180°.

4. (Original)

1 The package set forth in claim 1 wherein said abutment face is flat.

5. (Original)

1 The package set forth in claim 4 wherein said flat abutment face is disposed
2 in a plane diametrically of said closure.

6. (Previously Presented)

1 The package set forth in claim 5 wherein said stop extends from a lower end
2 of said at least one external thread and projects radially outwardly from said finish, and
3 said abutment face is disposed at a lower end of said at least one internal thread.

7. (Previously Presented)

1 The package set forth in claim 5 wherein said stop extends from an upper
2 end of said at least one internal thread adjacent to said base wall and projects radially
3 inwardly from said skirt, and said abutment face is disposed at an upper end of said at
4 least one external thread.

8. (Cancelled)

9. (Currently Amended)

1 The package set forth in claim 8 1 wherein said pockets and said lugs have
2 opposed angulated surfaces to cam said lugs over said pockets during application of said
3 closure to said finish, and opposed abutment surfaces to resist removal of said closure
4 absent pressure on said spring element.

10. (Currently Amended)

1 The package set forth in claim 8 1 wherein said closure, including said spring
2 element, is of one-piece integrally molded plastic construction.

11. (Original)

1 The package set forth in claim 10 wherein said spring element comprises a
2 circumferentially continuous conical lip that extends radially and axially inwardly from said
3 base wall adjacent to said skirt, said lip tapering in thickness from said base wall to a free
4 end of said lip.

12. (Original)

1 The package set forth in claim 11 wherein said lip has a rounded free edge
2 for engagement with said container finish.

13. (Currently Amended)

1 The package set forth in claim ~~42~~ 1 further comprising a liner disk separate
2 from said spring element and urged by said spring element into engagement with said
3 finish.

14. (Currently Amended)

1 The package set forth in claim ~~43~~ 15 wherein said liner disk includes a base
2 with metal and plastic layers adapted for induction sealing securement to said finish such
3 that, upon removal of said closure, said metal and plastic layers remain secured to said
4 finish and said liner base is removed with said closure.

15. (Currently Amended)

1 The package set forth in claim 13 wherein said liner disk is loosely captured
2 by said at least one internal thread within said closure adjacent to said base wall.

16. (Currently Amended)

1 A child-resistant closure and container package that includes:
2 a container having a finish with at least one continuous external thread and
3 angularly spaced pockets on an undersurface of said at least one external thread that do
4 not extend axially through said thread such that an upper surface of said external thread
5 is continuous throughout said external thread, and
6 a closure having a base wall, a peripheral skirt with at least one continuous
7 internal thread and angularly spaced lugs on said at least one internal thread for receipt
8 in said pockets, and a spring element for engagement with said finish to bias said closure
9 away from said finish and urge said lugs into said pockets,
10 said lugs on said at least one continuous internal thread being equal in
11 number to said pockets in said at least one external thread.

17. (Original)

1 The package as set forth in claim 16 wherein said pockets and said lugs have
2 opposed angulated surfaces to cam said lugs over said pockets during application of said
3 closure to said finish, and opposed abutment surfaces to resist removal of said closure
4 absent pressure on said spring element.

18. (Previously Presented)

1 The package set forth in claim 16 wherein one of said internal thread and
2 said external thread having a circumferentially facing stop extending axially from an end
3 of said one thread, and the other of said internal thread and said external thread having
4 an abutment face at an end of said other thread for abutment with said stop to prevent
5 over-tightening of said closure on said finish and over-compression of said spring element.

19. (Previously Presented)

1 The package set forth in claim 18 wherein said stop extends from a lower end
2 of said at least one external thread and projects radially outwardly from said finish, and
3 said abutment face is disposed at a lower end of said at least one internal thread.

20. (Previously Presented)

1 The package set forth in claim 18 wherein said stop extends from an upper
2 end of said at least one internal thread adjacent to said base wall and projects radially
3 inwardly from said skirt, and said abutment face is disposed at an upper end of said at
4 least one external thread.

21. (Currently Amended)

1 The package set forth in claim 18 wherein internal and external threads are
2 continuous single threads and extend for at least 360° 450°.

22. (Currently Amended)

1 The package set forth in claim 18 wherein said internal and external threads
2 are ~~double~~ dual threads, with each thread extending for at least 180°.

23. (Currently Amended)

1 The package set forth in claim 16 wherein said closure, including said spring
2 element, is of one-piece integrally molded plastic construction.

24. (Original)

1 The package set forth in claim 23 wherein said spring element comprises a
2 circumferentially continuous conical lip that extends radially and axially inwardly from said
3 base wall adjacent to said skirt, said lip tapering in thickness from said base wall to a free
4 end of said lip.

25. (Original)

1 The package set forth in claim 24 wherein said lip has a rounded free edge
2 for engagement with said container finish.

26. (Currently Amended)

1 The package set forth in claim 16 further comprising a liner disk urged by said
2 spring element into engagement with said finish.

27. (Currently Amended)

1 The package set forth in claim 26 wherein said liner disk includes a base
2 with metal and plastic layers adapted for induction sealing securement to said finish such
3 that, upon removal of said closure, said metal and plastic layers remain secured to said
4 finish and said liner base is removed with said closure.

28. (Currently Amended)

1 The package set forth in claim 26 wherein said liner disk is loosely captured
2 by said at least one internal thread within said closure adjacent to said base wall.

29-41 (Cancelled)

42. (Currently Amended)

1 A closure that includes an integrally molded one-piece plastic body having:
2 (a) a base wall, (b) a peripheral skirt with at least one continuous internal thread and plural
3 lugs on an upper surface of said thread, each said lugs having an angulated surface
4 sloping toward an end of said thread remote from said base wall and a circumferentially
5 facing radially extending abutment surface on an end of said lugs facing an opposing end
6 of said thread, and (c) a spring element for engagement with a container finish to bias said
7 lugs into opposing pockets on the container finish.

43. (Original)

1 The closure set forth in claim 42 wherein said spring element comprises a
2 circumferentially continuous conical lip that extends radially and axially inwardly from said
3 base wall adjacent to said skirt, said lip tapering in thickness from said base wall to a free
4 end of said lip for differential flexing upon engagement with a container finish.

44. (Original)

1 The closure set forth in claim 43 wherein said at least one internal thread is
2 a single thread that extends continuously for at least 450°.

45. (Currently Amended)

1 The closure set forth in claim 43 wherein said at least one internal thread is
2 a double thread, with each thread extending at least ~~490°~~ 180°.

46. (Original)

1 The closure set forth in claim 42 wherein said at least one internal thread has
2 an end remote from said base wall with a flat circumferentially facing radially extending end
3 face.

47. (Previously Presented)

1 The closure set forth in claim 42 wherein said at least one internal thread has
2 a circumferentially facing axially extending stop projecting radially inwardly from said skirt
3 and extending axially from an end of said thread adjacent to said base wall.

48. (Original)

1 The closure set forth in claim 42 further comprising a liner captured between
2 said thread and said spring element.

49. (Original)

1 The closure set forth in claim 48 wherein said liner includes sequential layers
2 of cellulose, wax, metal and plastic, with said wax layer evaporating and said plastic layer
3 melting upon application of induction current to said metal layer.

50-56 (Cancelled)

57. (New)

1 A child-resistant closure and container package that includes:
2 a container having a finish with at least one continuous external thread and
3 pockets on an undersurface of said external thread that do not extend axially through said
4 thread such that an upper surface of said external thread is continuous throughout said
5 external thread,
6 a closure of one-piece molded plastic construction having a base wall, a
7 peripheral skirt with at least one continuous internal thread and lugs on said internal thread
8 for receipt in said pockets, and a spring element for engagement with said finish to bias
9 said closure away from said finish and urge said lugs into said pockets, and
10 a liner disk loosely captured by said at least one internal thread within said
11 closure adjacent to said base wall and adapted to be urged by said spring element into
12 engagement with said finish, said liner disk including a base with metal and plastic layers
13 adapted for induction sealing securement to said finish such that, upon removal of said
14 closure, said metal and plastic layers remain secured to said finish and said liner base is
15 removed with said closure.

58. (New)

1 The package set forth in claim 57 wherein said spring element comprises a
2 circumferentially continuous conical lip that extends radially and axially inwardly from said
3 base wall adjacent to said skirt, said lip tapering in thickness from said base wall to a free
4 end of said lip.

59. (New)

1 The package set forth in claim 58 wherein said lip has a rounded free edge
2 for engagement with said liner disk.

60. (New)

1 A container that includes an integrally molded plastic body having a finish
2 with at least one external thread and pockets on an undersurface of said thread that do not
3 extend through said thread such that an upper surface of said thread is continuous
4 throughout said external thread, wherein said at least one external thread is a single thread
5 that extends for at least 450°.

61. (New)

1 A container that includes an integrally molded plastic body having a finish
2 with at least one external thread and pockets on an undersurface of said thread that do not
3 extend through said thread such that an upper surface of said thread is continuous
4 throughout said external thread, wherein said at least one external thread is a dual thread,
5 with each thread extending for at least 180°.